

# ATTACHMENT A

## Clean Replacement/New Claims (entire set of pending claims)

*Following herewith is a clean copy of the entire set of pending claims.*

## Clean Replacement/New Claims

*Following herewith is a clean copy of each claim which replaces each previous claim having the same number; and each new claim.*

- A1
1. (amended) A supramolecular assembly comprising a plurality of hydrogen bonded molecules, each molecule contains regularly spaced, multiple site hydrogen bonding groups and wherein at least a proportion of the molecules are bonded to other molecules at sites other than at terminal locations.
  2. (amended) An assembly as claimed in claim 1 wherein the hydrogen bonded molecules are pharmacologically acceptable.
  3. (amended) An assembly as claimed in claim 1 wherein the hydrogen bonding sites are separated by hydrophobic moieties.
  4. (amended) An assembly as claimed in claim 1 wherein the hydrophobic moiety is derived from an alkyl diacid or functional derivative thereof.
  5. (amended) A compound that is capable of being hydrogen bonded to form a supramolecular assembly having the general formula (I):



where:

A may be the same or different and is a moiety containing at least one hydrogen bond donor and/or acceptor sites,

N may be the same or different and is a moiety containing at least one hydrogen bond donor and/or acceptor,

X may be the same or different and is a difunctional spacer linkage or unit, and

n is an integer having a value of at least one.

6. (amended) A compound as claimed in claim 5 wherein the moieties A and N contain hydroxyl or carboxyl groups.

7. (amended) A compound claimed in claim 5 wherein A is an aromatic moiety of the general formula (II):



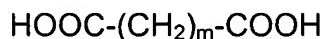
Where Ar is an unsubstituted or substituted aromatic nucleus.

8. (amended) A compound as claimed in claim 7 wherein Ar is phenyl or benzyl.

9. (amended) A compound as claimed in claim 7 wherein the compound of Formula (II) is 2,5-dihydroxybenzoic acid or 2,3-dihydroxybenzoic acid.

10. (amended) A compound as claimed in claim 5 wherein N is a moiety containing at least three hydrogen bond acceptance or donation sites.

11. (amended) A compound as claimed in claim 5 wherein X is an alkyl diacid of the general formula:



wherein m is an integer having a value of at least 2, or a functional derivative thereof

AI  
cont'd

12. (amended) A compound as claimed in claim 11 wherein X is derived from dodecanedioic-, decanedioic-, octanedioic- or hexanedioic acids or an acid chloride thereof.

13. (amended) An assembly comprising the aggregation of compounds of the general formula (I) as defined in claim 5.

14. (amended) An artifact manufactured from an assembly as claimed in claim 1.

A2

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15. (new) An artifact manufactured from a compound as claimed in claim 5.

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